

ABSTRACT

Systems and protocols for remote file access are disclosed. According to an embodiment, a system includes a local agent, a server, and a remote client. A remote
5 client desires access to a file and sends a task request to the server. The server stores the request in a task queue. Periodically, the local agent, with access to the file, polls the server and checks the task queue. When a task request is in the task queue, the local agent receives the
10 task request, performs it, and returns the file to the server. The server then sets up a notification that the task is complete, and the remote client is transferred the file. The system may include a speech module for converting speech to text and text to speech. A system
15 architecture and a remote file access protocol are further disclosed that help achieve this remote file access framework.